| L Number | Hits | Search Text  | DB                     | Time stamp         |
|----------|------|--|------------------------|--------------------|
| 4        | 308  | 359/\$.ccls. and displace\$6 and ((spatial                               | USPAT;                 | 2004/02/05 20:29   |
|          |      | near light near modulator\$1) or slm) and path                           | US-PGPUB               |                    |
| 5        | 0    | argueta-diaz.in.   | USPAT                  | 2004/02/05 20:12   |
| 6        | 45   | betty.in. and anderson   | USPAT                  | 2004/02/05 20:12   |
| 8        | 4    | betty.in. and anderson and lise  | USPAT                  | 2004/02/05 20:26   |
| 9        | 18   | ("4225938"   "4474434"   "4474435"                                       | USPAT                  | 2004/02/05 20:14   |
|          |      | "4929956"   "5018816"   "5117239"  |                        | İ                  |
|          |      | "5319477"   "5463497"   "5465175"  |                        |                    |
|          |      | "5512907"   "5623360"   "5936759"  |                        |                    |
|          |      | "6014244"   "6064506"   "6188817"  |                        |                    |
|          |      | "6236506"   "6266176"   "6388815").PN.                                   |                        |                    |
| 10       | 22   | '  | USPAT;                 | 2004/02/05 20:27   |
|          |      | or ("5117239") or ("5319477") or   | US-PGPUB;              |                    |
|          |      | ("5463497") or ("5465175") or ("5512907")                                | EPO; JPO;<br>DERWENT;  | i                  |
|          |      | or ("5936759") or ("6064506") or ("6266176")).PN.                        | IBM TDB                |                    |
| 11       | 11   | (("4225938") or ("4474434") or ("4474435")                               | USPAT                  | 2004/02/05 20:27   |
| *        | 1.1  | or ("5117239") or ("5319477") or   | 001711                 | 2001/02/03 2012/   |
|          |      | ("5463497") or ("5465175") or ("5512907")                                |                        |                    |
|          |      | or ("5936759") or ("6064506") or   |                        |                    |
|          |      | ("6266176")).PN.   |                        |                    |
| 12       | 6    | 5936759.URPN.  | USPAT                  | 2004/02/05 20:28   |
| 14       | 1    | 359/\$.ccls. and displace\$6 and ((spatial                               | USPAT;                 | 2004/02/05 20:29   |
|          |      | near light near modulator\$1) or slm) and                                | US-PGPUB               |                    |
|          |      | path and binary.ti. and binary   |                        | 0004/00/05 00 00   |
| 15       | 2    | 359/\$.ccls. and displace\$6 and ((spatial                               | USPAT;                 | 2004/02/05 20:30   |
|          |      | near light near modulator\$1) or slm) and path and binary.ab. and binary | US-PGPUB               |                    |
| 16       | 19   |  | USPAT;                 | 2004/02/05 20:31   |
| 10       | 13   | near light near modulator\$1) or slm) and                                | US-PGPUB               | 2001, 02, 00 20001 |
|          |      | path and binary.clm.   |                        |                    |
| 17       | 6    | 5936759.URPN.  | USPAT                  | 2004/02/05 20:37   |
| 21       | 4    | 372/26,27,28,12.ccls. and displace\$6 and                                | USPAT;                 | 2004/02/05 21:19   |
|          |      | ((spatial near light near modulator\$1) or                               | US-PGPUB               |                    |
|          | _    | slm)   |                        | 0004/00/05 01 10   |
| 20       | 6    | 385/2,3,8.ccls. and displace\$6 and                                      | USPAT;<br>US-PGPUB     | 2004/02/05 21:19   |
|          |      | ((spatial near light near modulator\$1) or slm)                          | US-FGFUB               | <br>               |
| 19       | 21   | 1 7  | USPAT;                 | 2004/02/05 21:19   |
|          | 21   | displace\$6 and ((spatial near light near                                | US-PGPUB               |                    |
| ļ        |      | modulator\$1) or slm)  |                        |                    |
| 18       | 15   | 359/245,246/251,252.ccls. and displace\$6                                | USPAT;                 | 2004/02/05 21:23   |
|          |      | and ((spatial near light near modulator\$1)                              | US-PGPUB               |                    |
| _        |      | or slm)  |                        |                    |
| 13       | 114  | 359/\$.ccls. and displace\$6 and ((spatial                               | USPAT;                 | 2004/02/05 21:19   |
| 1        |      | near light near modulator\$1) or slm) and                                | US-PGPUB               |                    |
| 22       | 29   | path and binary   359/27,28,31,33,35,147.ccls. and                       | USPAT;                 | 2004/02/05 21:30   |
| 22       | 23   | displace\$6 and ((spatial near light near                                | US-PGPUB               | 2001, 02, 00 21.00 |
|          |      | modulator\$1) or slm)  |                        |                    |
| -        | 426  |  | USPAT;                 | 2003/08/08 18:44   |
|          |      |  | US-PGPUB;              |                    |
|          |      |  | EPO; JPO;              |                    |
|          |      |  | DERWENT;               |                    |
| l i      |      |  | IBM_TDB                | 0000/00/07 10 14   |
| -        | 2    | 359/\$.ccls. and ((spot near diplacement)                                | USPAT;                 | 2003/08/07 13:14   |
|          |      | or sdd)  | US-PGPUB;<br>EPO; JPO; |                    |
| 1        |      |  | DERWENT;               |                    |
|          |      |  | IBM TDB                |                    |
| -        | 8965 | (shift\$4 same (light_or_beam)) and row                                  | -USPAT;                | 2003/02/11 10:39   |
|          |      |  | US-PGPUB;              |                    |
|          |      |  | EPO; JPO;              |                    |
|          |      |  | DERWENT;               |                    |
|          |      | (1) (1) (1) (1) (1) (1)  | IBM_TDB                | 2002/02/11 12 42   |
| -        | 4210 | (shift\$4 same (light or beam)) and row and                              | USPAT;<br>US-PGPUB;    | 2003/02/11 10:40   |
|          |      | column   | EPO; JPO;              |                    |
|          |      |  | DERWENT;               |                    |
| 1        |      |  | IBM TDB                |                    |
| L        |      | <u> </u>   | 1                      | · · — · ·          |

| - | 248    | (shift\$4 same (light near beam)) and row and column                             | USPAT;<br>US-PGPUB;    | 2003/02/11 10:40 |
|---|--------|--|------------------------|------------------|
|   |        |  | EPO; JPO;<br>DERWENT;  |                  |
| _ | 48     | (shift\$4 near4 (light near beam)) and row                                       | IBM_TDB<br>USPAT;      | 2003/02/11 10:41 |
|   |        | and column   | US-PGPUB;<br>EPO; JPO; |                  |
|   |        |  | DERWENT;<br>IBM TDB    |                  |
| - | 368    | (shift\$4 near4 (light or beam)) and (shift\$4 same (row and column))            | USPĀT;<br>US-PGPUB;    | 2003/02/11 10:42 |
|   |        |  | EPO; JPO;<br>DERWENT;  |                  |
| _ | 18     | (shift\$4 near4 (light or beam)) and   | IBM_TDB<br>USPĀT;      | 2003/02/11 17:35 |
|   |        | (shift\$4 near8 (row and column))  | US-PGPUB;<br>EPO; JPO; |                  |
|   |        | ·  | DERWENT;<br>IBM TDB    |                  |
| _ | 428    | (shift\$4 near4 (light or beam)) and (shift\$4 near8 row)                        | USPAT;<br>US-PGPUB;    | 2003/02/11 17:37 |
|   |        | (5112247 116425 2511)  | EPO; JPO;<br>DERWENT;  |                  |
| _ | 85     | (shift\$4 near4 (light or beam)) and   | IBM_TDB<br>USPAT;      | 2003/02/11 17:41 |
|   |        | (shift\$4 near8 row) and displacemen\$3  | US-PGPUB;<br>EPO; JPO; |                  |
|   |        |  | DERWENT;<br>IBM TDB    |                  |
| - | 40     | (shift\$4 near4 (light or beam)) and (shift\$4 near8 row) and displacemen\$3 and | USPAT;<br>US-PGPUB;    | 2003/02/11 17:42 |
|   |        | column   | EPO; JPO;<br>DERWENT;  |                  |
| _ | 2      | ("6480323").PN.  | IBM_TDB<br>USPAT;      | 2003/06/03 15:58 |
|   |        |  | US-PGPUB;<br>EPO; JPO; |                  |
|   |        |  | DERWENT;<br>IBM TDB    |                  |
| - | 2      | ("6525889").PN.  | USPAT;<br>US-PGPUB;    | 2003/06/04 13:52 |
|   |        |  | EPO; JPO;<br>DERWENT;  |                  |
| _ | 2      | ("6266176").PN.  | IBM_TDB<br>USPAT;      | 2003/06/04 13:53 |
|   |        |  | US-PGPUB;<br>EPO; JPO; |                  |
|   |        |  | DERWENT;<br>IBM_TDB    |                  |
| - | 9      | ("4225938"   "4474434"   "4474435"  <br>  "5117239"   "5319477"   "5463497"      | USPĀT                  | 2003/06/04 13:56 |
| - | 9      | "5465175"   "5936759"   "6064506").PN.<br>("4225938"   "4474434"   "4474435"     | USPAT                  | 2003/06/04 13:56 |
|   |        | "5117239"   "5319477"   "5463497"  <br>"5465175"   "5936759"   "6064506").PN.    |                        |                  |
| - | 130579 | 359/245 and displace\$6 and ((spatial near light near modulator\$1) or slm) or   | USPAT;<br>US-PGPUB     | 2003/08/07 13:20 |
| _ | 1359   | ((Liquid near crystal) or LC)<br>  359/245                                       | USPAT;                 | 2003/08/07 13:19 |
| _ | 36     | 359/245 and displace\$6 and ((spatial near                                       | US-PGPUB<br>USPAT;     | 2003/08/07 13:59 |
|   | 1-4-   | light near modulator\$1) or_slm)   | US-PGPUB               | 2004/02/05 21:18 |
|   |        | and ((spatial near light near modulator\$1) or slm)                              | US-PGPUB               | 2004/02/25 21 12 |
| _ | 21     | displace\$6 and ((spatial near light near  | USPAT;<br>US-PGPUB     | 2004/02/05 21:18 |
| - | 6      | modulator\$1) or slm) 385/2,3,8.ccls. and displace\$6 and                        | USPAT;                 | 2004/02/05 21:18 |
|   |        | ((spatial near light near modulator\$1) or slm)                                  | US-PGPUB               |                  |

| _ | 4  | ((spatial near light near modulator\$1) or  | USPAT;<br>US-PGPUB | 2004/02/05 21:18 |
|---|----|---|--------------------|------------------|
|   |    | slm)  |                    |                  |
| - | 30 |   | USPAT;             | 2003/08/07 16:20 |
|   | •  | ((spatial near light near modulator\$1) or  | US-PGPUB           | 1                |
|   |    | slm)  |                    | 1                |
| - | 40 |   | USPAT;             | 2003/08/07 17:49 |
|   |    | light near modulator\$1) or slm)            | US-PGPUB           |                  |
| - | 61 | 359/290,291.ccls. and displace\$6 and       | USPAT;             | 2004/02/05 20:07 |
|   |    | ((spatial near light near modulator\$1) or  | US-PGPUB           |                  |
|   |    | slm)  |                    |                  |
| - | 42 |   | USPAT;             | 2003/08/07 17:49 |
|   |    | displace\$6 and ((spatial near light near   | US-PGPUB           |                  |
|   |    | modulator\$1) or slm)                       |                    |                  |
| - | 9  |   | USPAT              | 2003/08/07 17:54 |
|   |    | "5117239"   "5319477"   "5463497"           |                    |                  |
|   |    | "5465175"   "5936759"   "6064506").PN.      |                    |                  |
| - | 20 | 359/245,246,251,252.ccls. and displace\$6   | USPAT;             | 2003/08/07 17:57 |
|   |    | and ((spatial near light near modulator\$1) | US-PGPUB           |                  |
|   |    | or slm)                                     |                    |                  |
| _ | 12 | 359/320,321,247.ccls. and displace\$6 and   | USPAT;             | 2003/08/07 17:59 |
|   |    | ((spatial near light near modulator\$1) or  | US-PGPUB           |                  |
| ì |    | slm)  |                    |                  |
| _ | 0  | argueta-diaz.in.                            | US-PGPUB           | 2004/02/05 20:12 |
| - | 0  | victor.in and argueta-diaz                  | US-PGPUB           | 2003/08/08 18:45 |
| - | 6  | betty.in. and anderson                      | US-PGPUB           | 2004/02/05 20:12 |
| _ | 46 | stuart.in. and collins                      | US-PGPUB           | 2003/08/08 18:46 |
| - | 0  | 359/245 and (stuart.in. and collins)        | US-PGPUB           | 2003/08/08 18:47 |
| _ | 9  | ("4225938"   "4474434"   "4474435"          | USPAT              | 2003/08/08 19:38 |
|   |    | "5117239"   "5319477"   "5463497"           |                    |                  |
|   |    | "5465175"   "5936759"   "6064506").PN.      |                    |                  |
| - | 12 | (("4225938") or ("4474434") or ("4474435")  | USPAT;             | 2003/08/08 19:51 |
| • | İ  | or ("5117239") or ("5319477") or            | US-PGPUB;          |                  |
|   |    | ("5463497")).PN.                            | EPO; JPO;          |                  |
|   |    |   | DERWENT;           |                  |
|   | -  |   | IBM_TDB            |                  |
| - | 6  |   | USPĀT              | 2003/08/08 19:51 |
|   |    | or ("5117239") or ("5319477") or            |                    |                  |
|   | İ  | ("5463497")).PN.                            |                    |                  |
| - | 8  | (("5465175") or ("5936759") or ("6014244")  | USPAT              | 2003/08/08 19:52 |
|   |    | or ("6064506") or ("6188817") or            |                    | 1                |
| 1 |    | ("6236506") or ("6266176") or               |                    |                  |
|   |    | ("6388815")).PN.                            |                    |                  |